

ARK Home ☐

Intel® Desktop Board DG41RQ

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SPECIFICATIONS

Essentials

Status	EOIS
Launch Date	Q4'08
Board Form Factor	microATX
Socket	LGA775
Recommended Customer Price	N/A

Memory Specifications

Max Memory Size (dependent on memory type)	8 GB
Memory Types	DDR2-800/667
# of Memory Channels	2
# of DIMMs	2
ECC Memory Supported ‡	No

Graphics Specifications

Integrated Graphics ‡	Yes
Graphics Output	VGA
Discrete Graphics	PCIe x16

Expansion Options

PCI Support	2
PCIe x1 Gen 2.x	0
PCIe x4 Gen 2.x	0
PCIe x8 Gen 2.x	0
PCIe x16 Gen 2.x	1

I/O Specifications

Total # of SATA Ports	4
# of eSATA Ports	0
RAID Configuration	N/A
# of PATA Ports	1
# of Parallel Ports	1
# of Serial Ports	1
Audio (back channel + front channel)	6-ch
Integrated LAN	10/100/1000
Firewire	0+0

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Intel® Desktop Boards
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Products formerly Raison City
Intel® G41 Express Chipset

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PCN/MDDS INFORMATION

901001: PCN
901034: PCN
901035: PCN
902993: PCN

Package Specifications	
Max CPU Configuration	1
Low Halogen Options Available	See MDDS
Advanced Technologies	
Intel® Virtualization Technology for Directed I/O (VT-d) ‡	No
Intel® vPro Technology ‡	No
Intel® ME Firmware Version	N/A
Intel® Remote Wake Technology	No
Intel® Remote PC Assist Technology	No
Intel® CIRA Technology	No
TPM	No
Intel® Quiet System Technology	No
Intel® HD Audio Technology	Yes
Intel® Matrix Storage Technology	No
Intel® Platform Protection Technology	
Trusted Execution Technology ‡	No
Anti-Theft Technology	No

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"Announced" SKUs are not yet available. Please refer to the Launch Date for market availability.

Some products can support AES New Instructions with a Processor Configuration update, in particular, i7-2630QM/i7-2635QM, i7-2670QM/i7-2675QM, i5-2430M/i5-2435M, i5-2410M/i5-2415M. Please contact OEM for the BIOS that includes the latest Processor configuration update.

‡ This feature may not be available on all computing systems. Please check with the system vendor to determine if your system delivers this feature, or reference the system specifications (motherboard, processor, chipset, power supply, HDD, graphics controller, memory, BIOS, drivers, virtual machine monitor-VMM, platform software, and/or operating system) for feature compatibility. Functionality, performance, and other benefits of this feature may vary depending on system configuration.

The Recommended Customer Price ("RCP") is pricing guidance for Intel products. Prices are for direct Intel customers and are subject to change without notice. Taxes and shipping, etc. not included. Prices may vary for other package types and shipment quantities, and special promotional arrangements may apply. Listing of these RCP does not constitute a formal pricing offer from Intel. Please work with your appropriate Intel representative to obtain a formal price quotation.

System and Maximum TDP is based on worst case scenarios. Actual TDP may be lower if not all I/Os for chipsets are used.

Low Halogen: Applies only to brominated and chlorinated flame retardants (BFRs/CFRs) and PVC in the final product. Intel components as well as purchased components on the finished assembly meet JS-709 requirements, and the PCB / substrate meet IEC 61249-2-21 requirements. The replacement of halogenated flame retardants and/or PVC may not be better for the environment.

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